Project Title	Funding	Strategic Plan Objective	Institution
Neuropeptide regulation of juvenile social behaviors	$29,550	Q2.Other	Boston College
Investigating brain organization and activation in autism at the whole-brain level	$0	Q2.Other	California Institute of Technology
Neural underpinning of emotion perception and its disorders	$30,000	Q2.Other	Dartmouth College
Characterization of synaptic and neural circuitry dysfunction underlying ASD-like behaviors using a novel genetic mouse model	$0	Q4.S.B	Duke University
Role of microglial activation in the serotonergic and neuroimmune disturbances underlying autism	$50,000	Q2.S.A	Hamamatsu University School of Medicine
Using near-infrared spectroscopy to measure the neural correlates of social and emotional development in infants at risk for autism spectrum disorder	$15,000	Q1.L.A	Harvard University
Behavioral and neural responses to emotional faces in individuals with ASD	$14,935	Q2.Other	Harvard University
Exploration of resting-state network dynamics in autism spectrum disorders	$0	Q4.Other	Harvard University
Brain-behavior interactions and visuospatial expertise in autism: a window into the neural basis of autistic cognition	$0	Q2.Other	Hospital Riviere-des-Praires, University of Montreal, Canada
The role of the GRIP protein complex in AMPA receptor trafficking and autism spectrum disorders	$0	Q2.Other	Johns Hopkins University
Roles of miRNAs in regulation of Foxp2 and in autism	$45,000	Q2.Other	Louisiana State University
Sequence-based discovery of genes with pleiotropic effects across diagnostic boundaries and throughout the lifespan	$0	Q3.L.B	Massachusetts General Hospital and Harvard University
Enhancing neurobehavioural and clinical definitions in autism spectrum disorders	$28,000	Q2.Other	Monash University
The use of non-invasive brain stimulation to improve social relating in autism spectrum disorders	$0	Q4.S.F	Monash University
Predicting outcomes in autism with functional connectivity MRI	$0	Q1.L.B	National Institute of Mental Health
Paternal age and epigenetic mechanisms in psychiatric disease	$45,000	Q3.S.J	Research Foundation for Mental Hygiene, Inc/NYSPI
Learning in autism spectrum disorders	$28,902	Q2.Other	University of California, Davis
Convergence of immune and genetic signaling pathways in autism and schizophrenia	$0	Q2.S.A	University of California, Davis
Abnormal connectivity in autism	$30,000	Q2.Other	University of California, Los Angeles
Role of negative regulators of FGF signaling in frontal cortex development and autism	$45,000	Q2.Other	University of California, San Francisco
Dissecting expression regulation of an autism GWAS hit	$30,000	Q3.L.B	University of California, San Francisco
Impact of an autism associated mutation in DACT1 on brain development and behavior	$45,000	Q4.S.B	University of California, San Francisco
Development of a connectomic functional brain imaging endophenotype of autism	$0	Q2.Other	University of Cambridge

Project Title	Funding	Strategic Plan Objective	Institution
Cellular and molecular pathways of cortical afferentation in autism spectrum disorders	$0	Q4.S.B	University of Geneva
Using near-infrared spectroscopy to measure the neural correlates of social and emotional development in infants at risk for autism spectrum disorder	$0	Q2.Other	University of New South Wales
Assessing sleep regulation, sleep-dependent memory consolidation, and sleep-dependent synaptic plasticity in mouse genetic models of schizophrenia and autism spectrum disorders	$45,000	Q2.S.E	University of Pennsylvania
Adverse prenatal environment and altered social and anxiety-related behaviors	$45,000	Q4.S.B	University of Pennsylvania
Probing the temporal dynamics of aberrant neural communication and its relation to social processing deficits in autism spectrum disorders	$0	Q2.Other	University of Pittsburgh
Studying Rett and Fragile X syndrome in human ES cells using TALEN technology	$0	Q2.S.D	Whitehead Institute for Biomedical Research
Neural correlates of social perception in autism	$30,000	Q1.L.C	Yale Child Study Center
The neural basis of weak central coherence in autism spectrum disorders	$13,040	Q2.Other	Yale University